

### **ABSTRACT OF THE DISCLOSURE**

A data processing system is provided for setting a value of a performance  
5 controlling parameter during processing of a data stream comprising a plurality of  
data blocks. The performance controlling parameter is set by deriving a complexity  
measure for at least one data block by performing an initial processing stage on the at  
least one data block. The performance controlling parameter is set to a predicted  
value in dependence upon the complexity measure and at least one further processing  
10 stage is performed on the at least one data block at the predicted value of the  
performance controlling parameter.

[Figure 3]